

# INTERNATIONAL SEARCH REPORT

International Classification No  
PCT/GB 03/03616

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 E21B47/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages                                 | Relevant to claim No. |
|------------|--|-----------------------|
| A          | WO 01 46548 A (W H ENERGY SERVICES INC)<br>28 June 2001 (2001-06-28)<br>page 4, line 16 - line 30; figure 1A       | 1,18,22               |
| A          | US 4 715 022 A (YEO DAVID E)<br>22 December 1987 (1987-12-22)<br>column 1, line 49 -column 2, line 21;<br>figure 1 | 1,18,22               |

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

3 November 2003

Date of mailing of the international search report

11/11/2003

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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lication No

PCT/GB 03/03616

| Patent document<br>cited in search report |   | Publication<br>date | Patent family<br>member(s)  | Publication<br>date  |
|---|---|---------------------|---|--|
| WO 0146548                                | A | 28-06-2001          | US 6308562 B1<br>AU 4522601 A<br>BR 0016630 A<br>CA 2394076 A1<br>EP 1240402 A2<br>NO 20022632 A<br>WO 0146548 A2 | 30-10-2001<br>03-07-2001<br>12-11-2002<br>28-06-2001<br>18-09-2002<br>21-08-2002<br>28-06-2001 |
| US 4715022                                | A | 22-12-1987          | NONE  |  |

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